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30869 7590 03/30/2004

LUMEN INTELLECTUAL PROPERTY SERVICES, INC.
2345 YALE STREET, 2ND FLOOR
PALO ALTO, CA 94306

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SYLVIA LEE	(Depositor's name)
<i>Sylvia Lee</i>	(Signature)
06/07/04	(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/775,689	02/01/2001	Richard N. Zare	S00-184	3470

TITLE OF INVENTION: PULSE-BY-PULSE CAVITY RING-DOWN SPECTROSCOPY

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330	\$300	\$1630	06/30/2004

EXAMINER	ART UNIT	CLASS-SUBCLASS
NGUYEN, TU T	2877	356-432000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
 "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 LUMEN INTELLECTUAL
2 PROPERTY SERVICES, INC.
3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

THE BOARD OF TRUSTEES OF THE
LELAND STANFORD JUNIOR UNIVERSITY

PALO ALTO, CA

Please check the appropriate assignee category or categories (will not be printed on the patent); individual corporation or other private group entity government

4a. The following fee(s) are enclosed:

4b. Payment of Fee(s):

Issue Fee

A check in the amount of the fee(s) is enclosed.

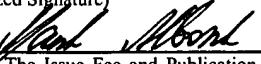
Publication Fee

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Director for Patents is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

<p>(Authorized Signature)  <i>Sylvia Lee</i></p> <p>(Date) <i>7 April 2004</i></p> <p>NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.</p> <p>This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, Virginia 22313-1450.</p> <p>Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.</p>	<p>06/14/2004 ZJUHAR2 00000084 09775689</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%;">01 FC:1501</td> <td style="width: 30%; text-align: right;">1330.00 OP</td> </tr> <tr> <td>02 FC:1504</td> <td style="text-align: right;">300.00 OP</td> </tr> <tr> <td>03 FC:8001</td> <td style="text-align: right;">9.00 OP</td> </tr> </table>	01 FC:1501	1330.00 OP	02 FC:1504	300.00 OP	03 FC:8001	9.00 OP
01 FC:1501	1330.00 OP						
02 FC:1504	300.00 OP						
03 FC:8001	9.00 OP						

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FORM***(to be used for all correspondence after initial filing)*

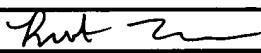
Total Number of Pages in This Submission

4

Application Number	09/775,689
Filing Date	02/01/2001
First Named Inventor	Richard N. Zare
Art Unit	2877
Examiner Name	Tu T. Nguyen
Attorney Docket Number	S00-184

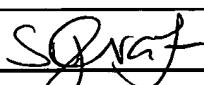
ENCLOSURES <i>(Check all that apply)</i>		
<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Issue Fee
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Robert Lodenkamper, Reg. No. 55,399
Signature	
Date	6/17/04

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Typed or printed name	SYLVIA LEE	
Signature		Date 06/07/04

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**FEE TRANSMITTAL**

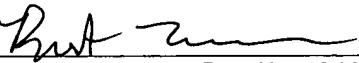
Application Number:	09/775,689
Filing Date:	02/01/2001
First Named Inventor:	Richard N. Zare
Title of Invention:	Pulse-By-Pulse Cavity Ring-Down Spectroscopy
Group Art Unit:	2877
Examiner:	Tu T. Nguyen
Attorney Docket No.:	S00-184

Fee Calculation:
for Large Entity / Small Entity

[X] Issue Fee	\$1330 / \$665	\$ 1330.00
[X] Publication Fee	\$300	\$300.00
[X] Printed Patent; Number of Copies: []	x \$3 =	\$ 9.00
TOTAL PAYMENT:		\$ 1639.00

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Signature of Applicant, Attorney, or Agent



Robert Lodenkamper, Reg. No. 55,399

6/7/04
Date